

349.047V 1



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

MARCH 13, 2001

PTAS

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH PA
PETER C. MAKI
P.O. BOX 2938
MINNEAPOLIS, MN 55402



101571622A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/12/2000

REEL/FRAME: 011385/0233

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DOTEN, GREGORY P.

DOC DATE: 12/07/2000

ASSIGNOR:

TEDHAM, THOMAS A.

DOC DATE: 12/11/2000

ASSIGNOR:

BROCKWAY, BRIAN P.

DOC DATE: 12/11/2000

ASSIGNEE:

DATA SCIENCES INTERNATIONAL, INC.
4211 LEXINGTON AVENUE NORTH, SUITE
2244
ST. PAUL, MINNESOTA 55126

SERIAL NUMBER: 09735378

PATENT NUMBER:

Schwegman, Lundberg,
FILING DATE: 12/07/2000
ISSUE DATE:

MAR 19 2001

RECEIVED

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Atty Ref/Docket No.: 349.047US1

To the Honorable Commissioner of Patents and Trade..

101571622

or copy thereof.

1. Name of conveying party(ies):

Gregory P. Doten
Thomas A. Tedham
Brian P. Brockway

MRD
12-12-00

2. Name and address of receiving party(ies):

Name: Data Sciences International, Inc.

Street Address: Suite 2244
4211 Lexington Avenue North

City: St. Paul State: MN ZIP: 55126

Additional name(s) & address(es) attached? []Yes [X]No

Additional name(s) of conveying party(ies) attached? []Yes [X]No

3. Nature of conveyance:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other _____

Execution Date: December 7, 2000; December 11, 2000; December 11, 2000

09/936378

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 7, 2000; December 11, 2000; December 11, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? []Yes [X]No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved: 1

Name: Peter C. Maki

7. Total fee (37 CFR 3.41): \$ 40.00

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

[] Enclosed

[X] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our
Deposit account number: 19-0743

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Peter C. Maki / Reg. No. 42,832

Name of Person Signing

Peter C. Maki

Signature

12/12/2000

Date

Total number of pages including cover sheet: 4

OMB No. 0651-0011 (exp. 4/94)

01/04/2001 MTWAI1 00000013 190743 09735378

Do not detach this portion

01 FG541 40.00 CH

and documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

101571622 PRO
12/12/2000

ASSIGNMENT

WHEREAS, WE, Gregory P. Doten, residing at 2941 Georgia Avenue North, Crystal, MN 55427, and Thomas A. Tedham, residing at 17051 Hanover Lane, Eden Prairie, MN 55347, and Brian P. Brockway, residing at 4339 Nancy Place, Shoreview, MN 55126, made certain new and useful inventions and improvements for which We executed an application for Letters Patent of the United States on Even Date Herewith, which is entitled ADJUSTABLE FLOW PROBE.

AND WHEREAS, Data Sciences International, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at Suite 2244, 4211 Lexington Avenue North, St. Paul, MN 55126, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

Docket No.: 349.047US1
Serial No.: Not Assigned
Filing Date: Even Date Herewith
Page 2 of 3

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7th day of December, 2000.

Gregory P. Doten

Gregory P. Doten

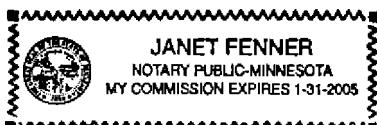
STATE OF MN)
)ss.
COUNTY OF Ramsey)

On this 7th day of December, 2000 before me personally appeared Gregory P. Doten to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

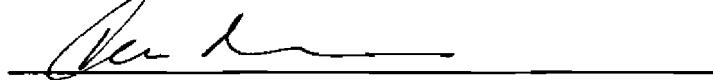
Janet Fenner

Notary Public



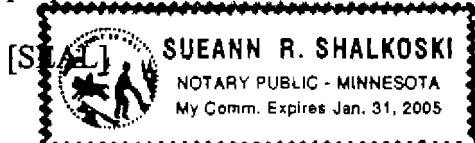
Docket No.: 349.047US1
Serial No.: Not Assigned
Filing Date: Even Date Herewith
Page 3 of 3

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of December, 2000.


Thomas A. Tedham

STATE OF MN)
COUNTY OF DAKOTA)
ss.

On this 11th day of December, 2000 before me personally appeared Thomas A. Tedham to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.




Sueann R. Shalkoski
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of December, 2000.

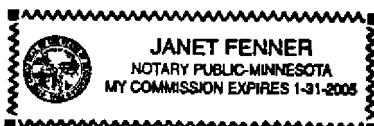

Brian P. Brockway

STATE OF MN)
COUNTY OF Ramsey)
ss.

On this 11th day of December, 2000 before me personally appeared Brian P. Brockway to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.




Janet Fenner
Notary Public





UNITED STATES
PATENT AND
TRADEMARK OFFICE

349.000001

2024MS

OCTOBER 27, 2003

Chief Financial Officer and Chief Administrative Officer
Washington, DC 20231
www.uspto.gov

PTAS

SCHWEGMAN, LUNDBERG, WOESSNER, ET AL
TIMOTHY E. BIANCHI
P.O. BOX 2938
MINNEAPOLIS, MN 55402



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 05/19/2003

REEL/FRAME: 014074/0264
NUMBER OF PAGES: 5

BRIEF: MERGER AND CHANGE OF NAME

ASSIGNOR:

DATA SCIENCES INTERNATIONAL, INC. DOC DATE: 04/22/2003

ASSIGNEE:

TRANSOMA MEDICAL, INC.
4358 WEST ROUND LAKE ROAD
ARDEN HILLS, MINNESOTA 55112

SERIAL NUMBER: 09924739
PATENT NUMBER: 6626838

FILING DATE: 08/08/2001
ISSUE DATE: 09/30/2003

SERIAL NUMBER: 09962727
PATENT NUMBER:

FILING DATE: 09/25/2001
ISSUE DATE:

SERIAL NUMBER: 09997850
PATENT NUMBER:

FILING DATE: 11/29/2001
ISSUE DATE:

SERIAL NUMBER: 10041823
PATENT NUMBER: 6626839

FILING DATE: 10/29/2001
ISSUE DATE: 09/30/2003

Woessner, Lundberg,
& Kluth, P.A.
NOV 04 2003 OCT 31 2003
CMG RECEIVED RECEIVED

PORTFOLIO L.P.

014074/0264 PAGE 2

SERIAL NUMBER: 09478762	FILING DATE: 01/06/2000
PATENT NUMBER: 6595071	ISSUE DATE: 07/22/2003
SERIAL NUMBER: 09735378	FILING DATE: 12/12/2000
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09968644	FILING DATE: 10/01/2001
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09825130	FILING DATE: 04/03/2001
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 10420388	FILING DATE: 04/22/2003
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 08819888	FILING DATE: 03/18/1997
PATENT NUMBER: 6299582	ISSUE DATE: 10/09/2001
SERIAL NUMBER: 09179042	FILING DATE: 10/26/1998
PATENT NUMBER: 6063034	ISSUE DATE: 05/16/2000
SERIAL NUMBER: 09329869	FILING DATE: 06/11/1999
PATENT NUMBER: 6323256	ISSUE DATE: 11/27/2001
SERIAL NUMBER: 09052509	FILING DATE: 03/31/1998
PATENT NUMBER: 6350242	ISSUE DATE: 02/26/2002
SERIAL NUMBER: 09478486	FILING DATE: 01/06/2000
PATENT NUMBER: 6539316	ISSUE DATE: 03/25/2003
SERIAL NUMBER: 07074930	FILING DATE: 07/17/1987
PATENT NUMBER: 4784155	ISSUE DATE: 11/15/1988
SERIAL NUMBER: 09927588	FILING DATE: 08/10/2001
PATENT NUMBER: 6506161	ISSUE DATE: 01/14/2003
SERIAL NUMBER: 09452332	FILING DATE: 11/30/1999
PATENT NUMBER: 6544180	ISSUE DATE: 04/08/2003
SERIAL NUMBER: 08950315	FILING DATE: 10/14/1997
PATENT NUMBER: 6033366	ISSUE DATE: 03/07/2000
SERIAL NUMBER: 29094112	FILING DATE: 09/25/1998
PATENT NUMBER: D415053	ISSUE DATE: 10/12/1999
SERIAL NUMBER: 09479268	FILING DATE: 01/06/2000
PATENT NUMBER: 6435037	ISSUE DATE: 08/20/2002
SERIAL NUMBER: 07199697	FILING DATE: 05/27/1988
PATENT NUMBER: 4846191	ISSUE DATE: 07/11/1989
SERIAL NUMBER: 08744360	FILING DATE: 11/07/1996
PATENT NUMBER: 5865749	ISSUE DATE: 02/02/1999

014074/0264 PAGE 3

SERIAL NUMBER: 08746421
PATENT NUMBER: 5980463

FILING DATE: 11/08/1996
ISSUE DATE: 11/09/1999

SERIAL NUMBER: 09491233
PATENT NUMBER: 6379308

FILING DATE: 01/25/2000
ISSUE DATE: 04/30/2002

SERIAL NUMBER: 09264147
PATENT NUMBER: 6296615

FILING DATE: 03/05/1999
ISSUE DATE: 10/02/2001

SERIAL NUMBER: 07069728
PATENT NUMBER: 4796641

FILING DATE: 07/06/1987
ISSUE DATE: 01/10/1989

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

05-21-2003

ET

Patent and Trademark Office

Atty Ref/Docket No.: 349.000001
To the Honorable Commissioner of Patents

1. Name of conveying party(ies):

OLD NAME

Data Sciences International, Inc.

3. Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: April 22, 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Serial No. 09/924,739, filed August 8, 2001
Serial No. 09/962,727, filed September 25, 2001
Serial No. 09/997,850, filed November 29, 2001
Serial No. 10/041,823, filed October 29, 2001
Serial No. 09/478,762, filed January 6, 2000
Serial No. 09/735,378, filed December 12, 2000
Serial No. 09/968,644, filed October 1, 2001
Serial No. 09/825,130, filed April 3, 2001
Serial No. 10/420,388, filed April 22, 2003

B. Patent No.(s)

6,299,582; 6,506,161; 5,865,749
6,063,034; 6,544,180; 5,980,463
6,323,256; 6,033,366; 6,379,308
6,350,242; D415,053; 6,296,615
6,539,316; 6,435,037; 4,796,641
4,784,155; 4,846,191

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Timothy E. Bianchi

Address: Schwegman, Lundberg, Woessner & Kluth,
P.A.

P.O. Box 2938
Minneapolis, MN 55402

15/20/2003 TBI021 09000984 190743 09924739
1 FC:0021 1090.00 CH 40.00 pp

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our
Deposit account number: 19-0743.

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Timothy E. Bianchi/Reg. No. 39,610
Name of Person Signing

Signature

May 13, 2003

Date

Total number of pages including cover sheet:

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O.Box 1450
Alexandria, VA 22313-1450

State of Minnesota

SECRETARY OF STATE

CERTIFICATE OF MERGER

I, Mary Kiffmeyer, Secretary of State of Minnesota, keeper of the Great Seal of the State and custodian of the documents pertaining to businesses governed by the laws of this State, do hereby certify that: the entities listed below have merged under the provisions of Minnesota law and have designated the surviving entity listed below. I further certify that the merger documents indicate the name change shown below and were filed on and are effective on the dates listed below. I further certify that the ability of the non-surviving participating entities to do business ceased as of the effective date of the merger.

PARTICIPATING ENTITIES:

TRANSOMA MEDICAL, INC.

DATA SCIENCES INTERNATIONAL, INC.

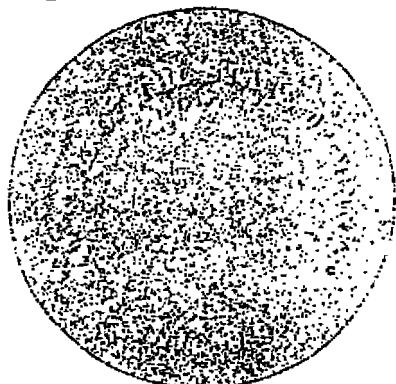
SURVIVING ENTITY: DATA SCIENCES INTERNATIONAL, INC.

FILING DATE: 4/23/2003

NAME CHANGE: TRANSOMA MEDICAL, INC.

EFFECTIVE DATE: 4/23/2003

This certificate has been issued on: 4/23/2003



Mary Kiffmeyer
Secretary of State.

APR-23-2003 11:19
APR-23-2003 11:12

DORSEY & WHITNEY LLP
DATA SCIENCES INT'L

DC, H, 800

6123402008
651 481 7415

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P.02/02
P.02
12Q-62-1

ARTICLES OF MERGER
OF
TRANSOMA MEDICAL, INC.
INTO
DATA SCIENCES INTERNATIONAL, INC.

The undersigned certifies as follows:

1. The Plan of Merger providing for the merger with and into Data Sciences International, Inc., a Minnesota corporation ("Parent"), of its wholly owned subsidiary, Transoma Medical, Inc., a Minnesota corporation ("Subsidiary") is attached as Exhibit A.
2. The number of outstanding shares of each class and series of stock of Subsidiary is 10 shares of common stock, \$01 par value, all of which are owned by Parent.
3. The Plan of Merger has been approved by Parent under Section 302A.621 of the Minnesota Business Corporation Act.

IN WITNESS WHEREOF, the undersigned, being duly authorized on behalf of Data Sciences International, Inc., has executed this document this 22-day of April, 2003.

DATA SCIENCES INTERNATIONAL, INC.

By: B P B
Name: Brian P. Brockway
Title: President and CEO

EXHIBIT A

PLAN OF MERGER
OF
TRANSOMA MEDICAL, INC.
INTO
DATA SCIENCES INTERNATIONAL, INC.

1. The name of the subsidiary corporation is Transoma Medical, Inc.
 2. The name of the parent corporation is Data Sciences International, Inc.
 3. The parent corporation shall be the surviving corporation.
 4. Upon the Effective Date of the merger (as defined below), the name of the parent corporation shall be changed to Transoma Medical, Inc.
 5. The merger shall be effective when articles of merger with respect to the merger are filed with the Minnesota Secretary of State (the "Effective Date").
 6. Upon the Effective Date, all outstanding shares of each class and series of stock of the subsidiary corporation shall be canceled, and no shares of the surviving corporation shall be issued in lieu thereof.

STATE OF MINNESOTA

DEPARTMENT OF STATE

I hereby certify that this is a
true and complete copy of the
document as filed for record in
this office.

DATED:

April 23, 2003

Mary Tiffenay

Secretary of State



By

D. D. Lee, Clerk